



Ligia exotica

Wharf roach, Sea roach

Threat Scores

1. Ecological Impact

- Ecological impact so far unstudied; competition with native *Liga hawaiiensis* likely

2. Invasive Potential

- Desiccation resistance is advantageous for littoral *L. exotica* to migrate and colonize in variable land habitats within a certain limit, and provides a broad distribution pattern
- Delayed maturity of inland females may be an adaptive strategy allowing inland colonization

3. Geographic Extent

- A common species of harbors all around the world
- Locally patchy

4. Management Difficulty

- No effective eradication methods



Geography and Habitat

1. Native: Northeastern Atlantic and Mediterranean
2. Introduced: Atlantic Coast of United States, Hawai'i
3. Habitats
 - Rocky habitats
 - Estuaries/bays
 - Rocks and pilings above water, harbors

Invasion Pathways

1. Hull/Surface fouling
2. Ballast water

Non-Native Locations

1. 41- Virginian
2. 42- Carolinian
3. 70- Floridian
4. 152- Hawaiian Islands

Sources

1. Molnar, Jennifer et al. 2008. Assessing the global threat of invasive species to marine biodiversity. *Frontiers in ecology and the environment*. Vol. 6, No. 9, pp. 485-492.
2. <http://conserveonline.org/workspaces/global.invasive.assessment>
3. http://www2.bishopmuseum.org/HBS/invertguide/species/ligia_exotica.htm
4. http://www.sms.si.edu/irlspec/ligia_exotica.htm